

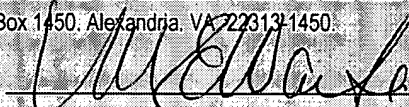
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Surmeier, et al.
Serial No.: 10/761,557
Filed: 01/21/2004
Entitled: **Manipulation of Neuronal Ion Channels**

Group No.: 1635
Examiner: Chong

**RESPONSE TO FINAL OFFICE ACTION MAILED
FEBRUARY 21, 2006 AND ADVISORY ACTION MAILED
MAY 17, 2006**

Mail Stop
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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I hereby certify that this correspondence (along with any referred to as being attached or enclosed) is, on the date shown below, being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.	
Date: August 21, 2006	By:  Mary Ellen Waite

Examiner Chong:

This communication is responsive to the Final Office Action mailed 02/21/06 and the Advisory Action mailed 5/17/06. This communication is being submitted with a Request for Continued Examination. Attached herewith is a request for a three month extension of time from May 21, 2006 to August 21, 2006 in order to answer the outstanding Final Office Action. Applicants respectfully request reconsideration of the application in view of the following amendments and remarks.

Amendments to the Specification being on page 2 of this response.

Amendments to the Claims begin on page 4 of this response.

Arguments/remarks begin on page 5 of this response.